When recorded please return to:

HEWLETT-PACKARD COMPANY

Intellictual Property Administrator

OF OR Collins, Colorado \$0527-2400

I/We, the undersigned (company), L.

Company, L.

Compan

PATENT APPLICATION ATTORNEY DOCKET NO. 200400476-2

ASSIGNMENT OF PATENT APPLICATION  I/We, the undersigned (each) have agreed and hereby agree to assign to HEMLETT-PACKARD  DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:  Method And Apparatus For Generating Code For Scheduling The Execution Of Binary Code  Filling date: 20 April 2004  Application No.: 10/827,527  and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-IP-3), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any reissues, or reexeminations, or extensions of said Letters Patent.  I/We additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives to the full end of the term or terms for which said Letters Patent respectively may be granted, relissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;  AND I/We hereby covenant that I/We have full right to convey the entire interest herein assigned, and the full may have not executed and will not execute any agreement in conflict herewith, and I/We flavor the respectively make granted thereon of the proper patent in the province of improvement(s), said application and self-turners and signed that the respective patent in the province of improvement(s) and application and self-turners and the province of th	<u> </u>	
Filing date: 20 April 2004 Application No.: 10/827,527  and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any reissues, or reexaminations, or extensions of add Letters Patent.  I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, relasued or extended, as fully and entirely as the same would have been held and enjoyed me/us had this assignment, and transfer not been made.  AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herawith, and tilve turther covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), asid application and said Letters Patent, to HPIDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPIDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and easification and said Letters Patent for testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, cl-IP's, relissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPIDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own hemself, proper patent protection for each intere	I/We, the undersigned (each) have agree DEVELOPMENT COMPANY, L.P., a Texas Limi Houston, Texas, (hereinafter HPDC), in furth Company and its subsidiaries and affiliates, and and assigns, the entire right, title and interest	ed and hereby agree to assign to HEWLETT-PACKARD ted Partnership having its principal place of business in terance of my/our obligations to the Hewlett-Packard id do hereby assign and transfer to HPDC, its successors at, including the right of priority, in, to and under an
and the invention(s) and improvement(s) set forth therein, and any and all continuations continuations-in-part (C-I-P-s), divisionals, and renewals of and substitutes for said application for said Letters Patent and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any reissues, or reexaminations, or extensions of said Letters Patent.  I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, relssued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;  AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the little to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts regal proceedings, to sign of improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s), and all countries provided the expenses which may be incurred by me/us in lending such confirmation and assistance are pald by HPDC; its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or in proveme	Method And Apparatus For Generating Code For	Scheduling The Execution Of Binary Code
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continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent and any and all Letters Patent of the United States and of countries or bright in the Country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for Which said Letters Patent respectively may be granted, released or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;  AND live hereby covenant that live have full right to convey the entire interest herein assigned, and that live have not executed and will not execute any agreement in conflict herewith, and live further covenant and agree that live will, each time a request is made, and without undue delay, execute any additional and said such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and live agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and eagle representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;  AND live hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as a foresaid, to issue to HPDC, as assigneed of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s) including any	Filing date: 20 April 2004	Application No.: 10/827,527
country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;  AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, relssue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending successors, assigns, nominees of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s).  I/we further authorize and direct the attorneys of record to Insert t	continuations-in-part (C-I-P's), divisionals, and understand Patent, and any and all Letters Patent of may be granted thereon or therefor; and any re-	renewals of and substitutes for said application for said the United States and of countries foreign thereto which
that I/We have not executed and will not execute any agreement in conflict herewith, and I/We further covenant and agree that I/We will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, it is successors, assigns, nominees or legal representatives, and I/We agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, relissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;  AND I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the application and assignment.  I/We further authorize and direct the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.  IN WITNESS_WHEREOF, I/We hereunto set my/our hand(s) and seal(s):  Date Assignment Signed:  Date Application Sensor who acknowledged the foreg	country, to be held and enjoyed by HPDC, its si the full end of the term or terms for which said extended, as fully and entirely as the same v	uccessors, assigns, nominees or legal representatives, to Letters Patent respectively may be granted, relasued or
States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.  I/we further authorize and direct the attorneys of record to Insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.  IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):  Date Assignment Signed:  Date Application Signed:  State of  ) ss.:  County of  personally appeared DIBYAPRAN SANYAL who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.	that I/we have not executed and will not execu- covenant and agree that I/we will, each time a deliver all such papers as may be necessary improvement(s), said application and said Letter legal representatives, and I/we agree to comma respecting said invention(s) or improvement(s), legal proceedings, to sign all lawful papers, to C-I-P's, reissue and foreign applications, to mak everything possible to aid HPDC, its successors and enforce, for its or their own benefit, proper in any and all countries provided the expens	ute any agreement in conflict herewith, and I/we further request is made, and without undue delay, execute and or desirable to perfect the title to said invention(s) or so Patent, to HPDC, its successors, assigns, nominees or nunicate to HPDC, or to its nominee, all known facts said application and said Letters Patent, to testify in any a execute all disclaimers and divisionals, continuations, se all rightful oaths and declarations, and generally to do s, assigns, nominees and legal representatives to obtain patent protection for said invention(s) or improvement(s)
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):  Date Assignment Signed: 27-Sep-2004  Inventor's Typod Name: DIBYAPRAN SANYAL Date Application Signed:  State of )  Sefere me this day of personally appeared DIBYAPRAN SANYAL who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.	states and any official of any country or country patents on applications as aforesaid, to issue to any and all Letters Patent for said invention(s) of the United States which may be issued and graccordance with the terms of this assignment.  I/we further authorize and direct the attorney	es foreign to the United States whose duty it is to issue HPDC, as assignee of the entire right, title and interest, r improvement(s), including any and all Letters Patent of anted on or as a result of the application aforesaid, in resort to insert the serial number and filing date of
Date Assignment Signed: 27-Sep-2004  Inventor's Signature (Seal)  Inventor's Typed Name: DIBYAPRAN SANYAL  State of  )	same shall have been made known to them by the	docket number and title set forth above as soon as the ne United States Patent and Trademark Office.
State of )   State of   State of	IN WITNESS WHEREOF, I/we hereunto set n	ny/our hand(s) and seal(s):
State of )   State of   State of	Date Date Single Date Date Date Date Date Date Date Dat	e Assignment Signed: 27-Sep-2004
State of ) ss.:  County of ) ss.:  Before me this day of personally appeared DIBYAPRAN SANYAL who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.		•
Before me this day of personally appeared DIBYAPRAN SANYAL who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.	inventor's Typed Name: DIBYAPRAN SANYAL	Oate Application Signed:
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personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.  Notary Public		
	personally known or proved to me on the basis of satisfa	conally appeared DIBYAPRAN SANYAL who is actory evidence to be the person who acknowledged the foregoing
		·

Rev 05/04 (Aesign)

(Use Page Two For Additional Inventor(s) Signature(s))

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